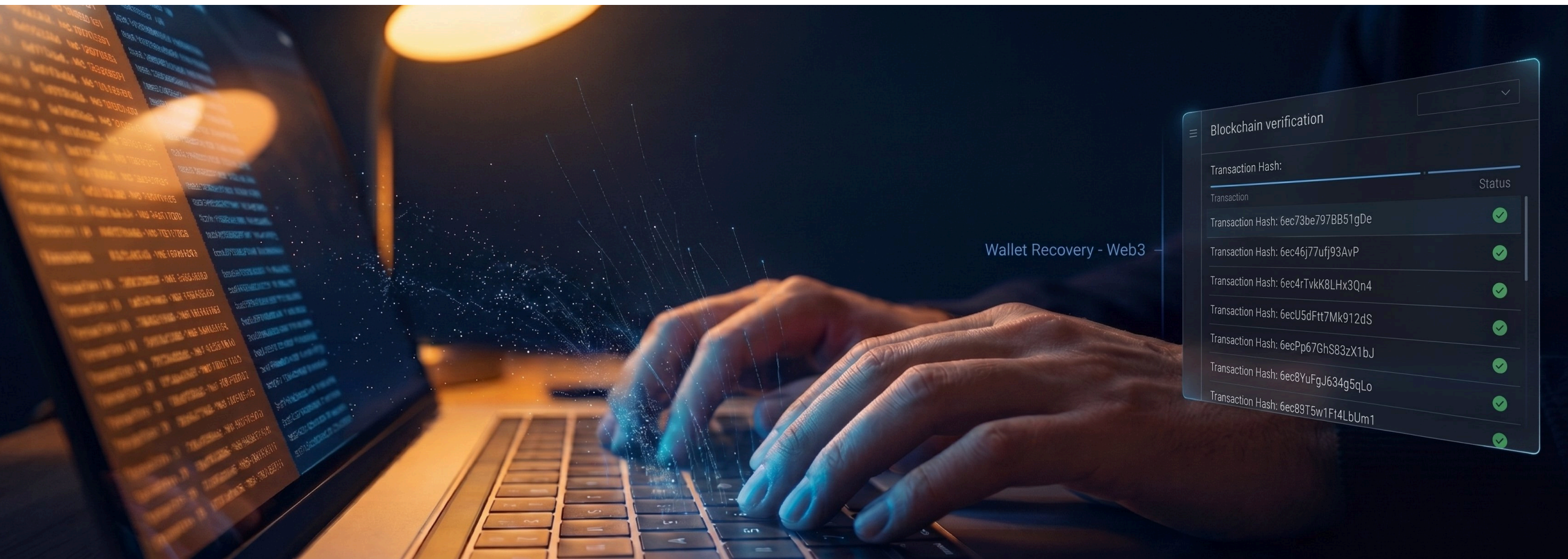


# Restoring the Digital Wallet in a Web3 Marketplace



## Modernized

Legacy wallet architecture restored to full Web3 compatibility without a platform rebuild


## AI-Powered

OpenAI code translation accelerated codebase migration to modern Web3 standards

## Zero Downtime

Multi-version web3.js support preserved marketplace continuity throughout the transition

### SERVICES

-  Application Modernization
-  AI Solutions
-  AI Productivity

### TECHNOLOGY

-  OpenAI Code Translation
-  Web3.js Multi-version Support
-  Digital Wallet Modernization
-  NFT Marketplace Platform

# Restoring the Digital Wallet in a Web3 Marketplace

## THE CHALLENGE

A leading blockchain and digital asset marketplace found that its existing digital wallet infrastructure was struggling to keep pace with the rapid evolution of the Web3 ecosystem. As decentralized applications and supporting libraries advanced, compatibility gaps emerged between older wallet protocols and newer application frameworks.

Object Computing modernized the wallet architecture while preserving essential legacy functionality. Using OpenAI-powered code translation, developers efficiently adapted portions of the codebase to newer standards without requiring a full system rebuild.

The upgraded platform now supports secure digital asset transactions while maintaining the stability required for a high-volume marketplace environment.

## THE SHIFT

**BEFORE** A leading blockchain and digital assets marketplace faced obsolescence when its digital wallet could no longer maintain secure connections with modern decentralized applications.

**AFTER** A modernized Web3 platform that supports current wallet protocols and enables secure, reliable digital asset transactions.

**BRIDGE** A comprehensive platform overhaul using OpenAI-powered code translation and strategic multi-version web3.js compatibility.

## WHAT WE BUILT

**FEATURES** Web3 marketplace modernization with OpenAI-assisted code translation and multi-version web3.js support.

**ADVANTAGES** Bridges the gap between obsolete wallet protocols and modern industry standards without a total system failure or requiring a full platform rebuild.

**BENEFITS** Restores wallet connectivity, enables secure digital transactions, and ensures a seamless marketplace experience across multiple generations of Web3 technology.



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Let's Talk - [hello@objectcomputing.com](mailto:hello@objectcomputing.com)